

IN THE CLAIMS

1. (Currently Amended) An electrical generator for an internal combustion engine having an engine shaft, said generator being comprised of a hub portion adapted to be affixed for rotation with the engine shaft, a rotor portion integrally formed with said hub portion and comprising a radially extending portion integrally formed with said hub portion and having a first, integral cylindrical portion extending in one axial direction therefrom for carrying a plurality of circumferentially spaced permanent magnets for cooperation with a stator, and a second, integral cylindrical portion integrally formed with said hub portion and extending in an axial direction opposite to said one axial direction for forming a race for a one way clutch for rotatably coupling a starter gear to the engine shaft.
2. (Original) An electrical generator as set forth in claim 1 wherein the surface of one of the integral cylindrical portions is hardened.
3. (Canceled)
4. (Currently Amended) An electrical generator as set forth in claim 3 2 wherein the cylindrical portions are radially spaced from each other.
5. (Original) An electrical generator as set forth in claim 4 wherein the radially extending flange from which the cylindrical portions extend has a step dividing it into radially inner and outer portions.
6. (Original) An electrical generator as set forth in claim 5 wherein the surface of one of the integral cylindrical portion is hardened.
7. (Original) An electrical generator as set forth in claim 6 wherein the surface of the second, integral cylindrical portion forming the race is hardened.
8. (Original) An electrical generator as set forth in claim 7 wherein the surface of the radially extending flange from which the second, integral cylindrical portion extends is also hardened.
9. (Original) An electrical generator as set forth in claim 8 wherein a fillet is formed at the juncture of the hardened surfaces.
10. (Original) An electrical generator as set forth in claim 9 wherein the surface of the fillet is also hardened.
11. (Original) An electrical generator as set forth in claim 1 further including permanent magnets affixed to the first, integral cylindrical portion and a one way clutch cooperating with the second, integral cylindrical portion, the hub portion being fixed for rotation with an engine shaft.
12. (Original) An electrical generator as set forth in claim 11 further including a starter gear journaled on the engine shaft and coupled thereto by the one way clutch.
13. (Canceled)

- 14. (Currently Amended) An electrical generator as set forth in claim 13 12 wherein the cylindrical portions are radially spaced from each other.
- 15. (Original) An electrical generator as set forth in claim 14 wherein the radially extending flange from which the cylindrical portions extend has a step dividing it into radially inner and outer portions.
- 16. (Original) An electrical generator as set forth in claim 15 wherein the surface of one of the integral cylindrical portion is hardened.
- 17. (Original) An electrical generator as set forth in claim 16 wherein the surface of the second, integral cylindrical portion forming the race is hardened.
- 18. (Original) An electrical generator as set forth in claim 17 wherein the surface of the radially extending flange from which the second, integral cylindrical portion extends is also hardened.
- 19. (Original) An electrical generator as set forth in claim 18 wherein a fillet is formed at the juncture of the hardened surfaces.
- 20. (Original) An electrical generator as set forth in claim 19 wherein the surface of the fillet is also hardened.